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PTO/SB/81 (02-01)

Approved for use through 10/31/2002. OMB 0651-0035

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Application Number	
Filing Date	
First Named Inventor	S. KHIZROEV
Title	Longitudinal Magnetic*
Group Art Unit	
Examiner Name	
Attorney Docket Number	SEAG 49680

I hereby appoint:

☒ Practitioners at Customer Number
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29694 →

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Derek J. Berger, Reg. No. 45,401; Carol I. Bordas, Reg. No. 37,284;
Kirk A. Cesari, Reg. No. P-47,479; Shawn B. Dempster, Reg. No. 34,321;
Paul T. Dietz, Reg. No. 38,858; Raghunath Minsandram, Reg. No. 38,683;
and Jonathan E. Olson, Reg. No. 41,231, and of Seagate Technology LLC
as attorneys and/or patent agents with the full power to represent the
applicant in connection with this application.

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☒ Firm or
Individual Name

Alan G. Towner

Address

Pietragallo, Bosick & Gordon

Address

One Oxford Centre, 38th Floor

City

Pittsburgh

State

PA

Zip

15219

Country

US

Telephone

412.263.4340

Fax

412.263.4340

I am the:

☐ Applicant/Inventor.

☒ Assignee of record of the entire interest. See 37 CFR 3.71.
Statement under 37 CFR 3.73(b) is enclosed. (Form PTO/SB/96).
SIGNATURE of Applicant or Assignee of Record

Name

Carol I. Bordas

Signature

Carol I. Bordas

Date

11/21/01

NOTE: Signatures of all the inventors or assignees of record of the entire interest or their representative(s) are required. Submit multiple forms if more than one signature is required, see below.

☒ Total of 1 forms are submitted.

Burden Hour Statement: This form is estimated to take 3 minutes to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

* RECORDING HEADS WITH VARIABLE-LENGTH GAPS

10/03/320 0500

PTO/SB/96 (08-00)

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STATEMENT UNDER 37 CFR 3.73(b)Applicant/Patent Owner: Sakhrat KHIZROEV et al.Application No./Patent No.: 10 031 320 Filed/Issue Date: _____Entitled: LONGITUDINAL MAGNETIC RECORDING HEADS WITH VARIABLE-LENGTH GAPSSeagate Technology LLC, a Limited Liability Company,
(Name of Assignee) (Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.
The extent (by, percentage) of its ownership interest is _____ %

In the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 12042 Frame 695, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as shown below:

1. From: _____ To: _____
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2. From: _____ To: _____
The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.
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The document was recorded in the United States Patent and Trademark Office at Reel _____, Frame _____, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ Copies of assignments or other documents in the chain of title are attached.
[NOTE: A separate copy (i.e., the original assignment document or a true copy of the original document) must be submitted to Assignment Division in accordance with 37 CFR Part 3, if the assignment is to be recorded in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

11/21/01
DateCarol I. Bordas

Typed or printed name

Carol I. Bordas

Signature

IP Division Counsel

Title

Burden Hour Statement: This form is estimated to take 0.2 hours to complete. Time will vary depending upon the needs of the individual case. Any comments on the amount of time you are required to complete this form should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, Washington, DC 20231. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Assistant Commissioner for Patents, Washington, DC 20231.

A/D581-40

ASSIGNMENT

Attorney Docket No. : 284867-00007

Seagate Docket No. : SEA 9302

WHEREAS, I/we DMITRI LITVINOV of 5463 Wilkins Avenue, Pittsburgh, Pennsylvania 15217, United States of America; SAKHRAT KHIZROEV of 6380 Caton Street, Pittsburgh, Pennsylvania 15217, United States of America; MARK HOWARD KRYDER of 1104 Grandview Avenue, Apartment #3, Pittsburgh, Pennsylvania 15211, United States of America; and JAMES A. BAIN of 1118 Lancaster Avenue, Pittsburgh, Pennsylvania 15218, United States of America, are the inventor(s) of an invention entitled LONGITUDINAL MAGNETIC RECORDING HEADS WITH VARIABLE-LENGTH GAPS that is the subject matter of: (check all that apply)

- ☐ a provisional application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. _____ filed on _____;
- ☐ an application for Letters Patent which is identifiable in the United States Patent and Trademark Office by Application No. _____ filed on _____; and
- ☒ an international application for Letters Patent filed pursuant to the Patent Cooperation Treaty which is identifiable in the United States Receiving Office by Application No. PCT/US00/27356 filed on 04 October 2000; and

WHEREAS, Seagate Technology LLC, a limited liability company organized and existing under the laws of the State of Delaware and the United States of America, and having offices at 920 Disc Drive, Scotts Valley, California, 95066 USA, ("Assignee") is desirous of acquiring the entire right, title and interest in and to the invention, the applications, and any and all Letters Patent or similar foreign or domestic legal protection;

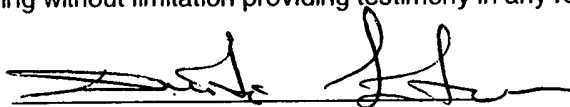
NOW, THEREFORE, for good and valuable consideration, the receipt and adequacy of which is hereby acknowledged, I/we transfer to Assignee, its successors and assigns, my/our entire right, title and interest in and to the invention, the above-identified applications, all provisional applications from which any of the above-identified applications claim priority, corresponding domestic and foreign applications, any continuation, division, renewal, or substitute for the applications, all Letters Patent, any reissue, re-examination, or similar legal protection issuing related to the Letters Patent, and all rights and benefits under any applicable treaty or convention; and I/we authorize the Director of the United States Patent and Trademark Office or foreign equivalent to issue the Letters Patent or similar legal protection to the Assignee.

I/We authorize the Assignee, its successors and assigns, to insert in this instrument the filing date(s) and application numbers when ascertained. I/We further authorize the Assignee, its successors and assigns, or anyone it may properly designate, to apply for Letters Patent or similar legal protection, in its own name if desired, in any and all foreign countries and appoint Assignee the common representative in the above identified international application and any international application for the invention.

I/We represent to the Assignee, its successors and assigns, that I/we have not and shall not execute any writing or do any act whatsoever conflicting with this Assignment. I/We, my/our executors or administrators, will at any time upon request, without additional consideration, but at the expense of the Assignee, its successors and assigns, execute and deliver to Assignee or its legal representatives such additional writings and do such additional acts as the Assignee, its successors and assigns, may deem desirable to perfect its enjoyment of this grant, and render all assistance in making application for and obtaining, maintaining, and enforcing the Letters Patent or similar legal protection on the invention in any and all countries, including without limitation providing testimony in any related interference, litigation or proceeding.

01/28/2002 LLAHDGRA 00000098 500859 10031320

02 FC:581 40.00 CH


DMITRI LITVINOV

Subscribed and sworn to before me at ALLEGHENY COUNTY, PENNSYLVANIA, US, a witness, this 3 day of July, 2001.

STATE OF PENNSYLVANIA
COUNTY OF ALLEGHENY


Charlotte Wlodkowski

Witness

Notarial Seal
Charlotte Wlodkowski, Notary Public
Pittsburgh, Allegheny County
My Commission Expires Apr. 12, 2004

Sakhrat Khizroev

SAKHRAT KHIZROEV

Subscribed and sworn to before me at ALLEGHENY COUNTY, PENNSYLVANIA, US, a witness, this 22 day
of JUNE, 2001.

STATE OF PENNSYLVANIA
COUNTY OF ALLEGHENY

Charlotte Wlodkowski

Witness

Notarial Seal
Charlotte Wlodkowski, Notary Public
Pittsburgh, Allegheny County
My Commission Expires Apr. 12, 2004

Member, Pennsylvania Association of Notaries

Mark Howard Kryder

MARK HOWARD KRYDER

Subscribed and sworn to before me at ALLEGHENY COUNTY, PENNSYLVANIA, US, a witness, this 3 day
of JULY, 2001.

STATE OF PENNSYLVANIA
COUNTY OF ALLEGHENY

Charlotte Wlodkowski

Witness

Notarial Seal
Charlotte Wlodkowski, Notary Public
Pittsburgh, Allegheny County
My Commission Expires Apr. 12, 2004

Member, Pennsylvania Association of Notaries

James A. Bain

JAMES A. BAIN

Subscribed and sworn to before me at ALLEGHENY COUNTY, PENNSYLVANIA, US, a witness, this 12th day
of JULY, 2001.

Notarial Seal
Emma Jean Scavinsky, Notary Public
Pittsburgh, Allegheny County
My Commission Expires Dec. 14, 2004
Member, Pennsylvania Association of Notaries

Emma Jean Scavinsky

Witness